

Figure 1

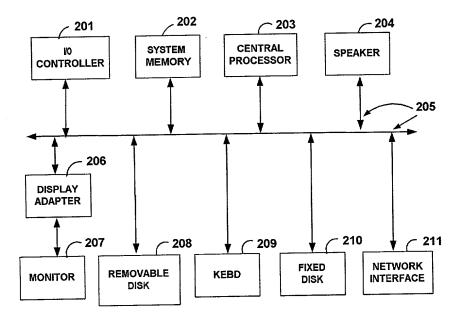


Figure 2

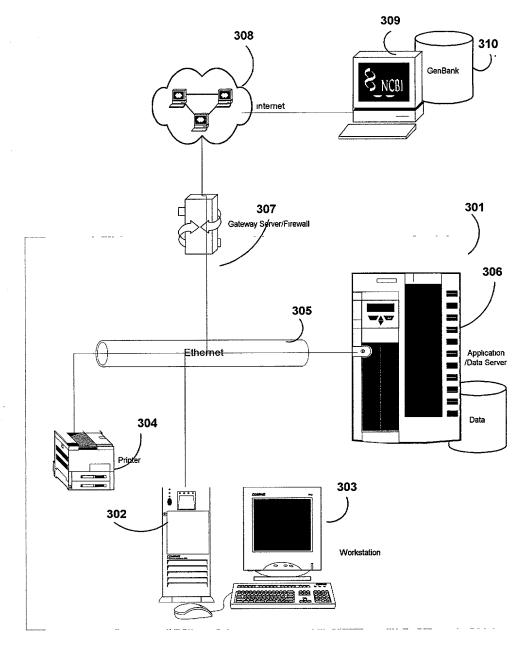


FIGURE 3

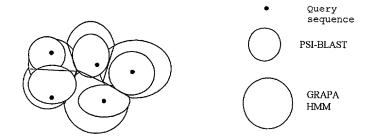


FIGURE 4

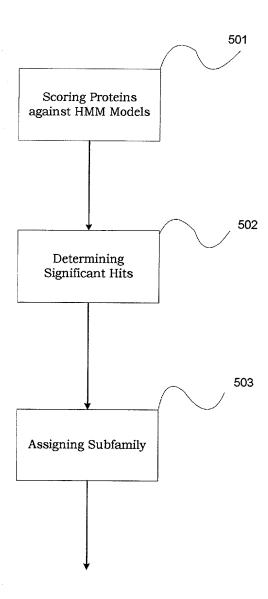
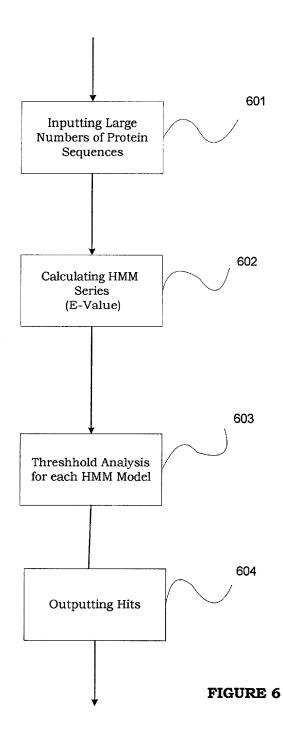


FIGURE 5



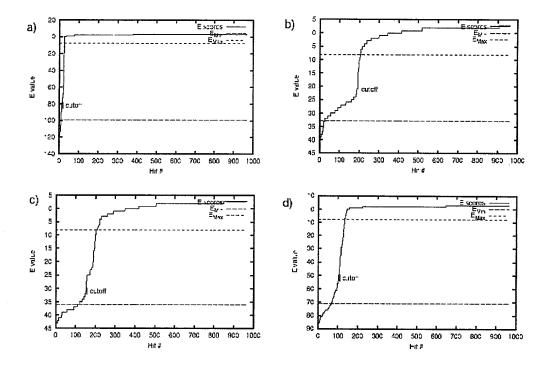
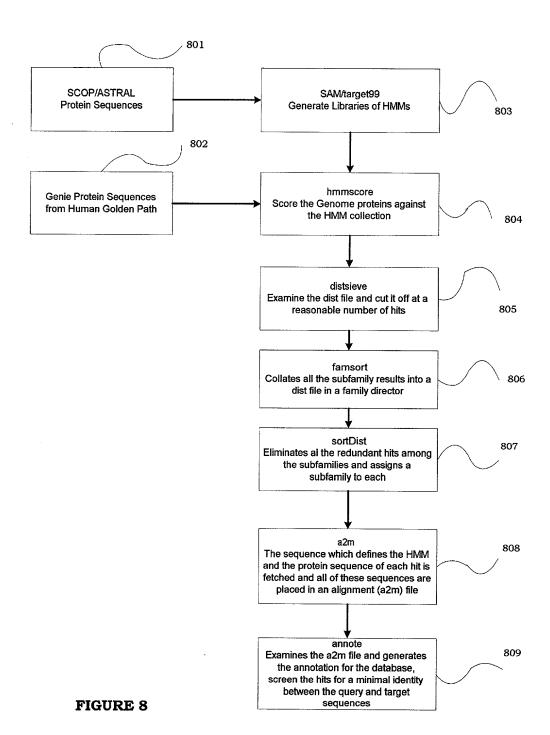


FIGURE 7



Alignment 1:	
	LLQDSLLRLKDYRQCFECSDVALNEAVQQMVNSGEAAAKEEWVATVTQLL SVQDLNDLLSDGSGCYSLPSQPCNE VTPRIYVGNASVAQD IPKLQKL
1>GRAPAHIT1 51 2>1vhr 51	MGIEQALSADSSGSILKVSSSTTGLVRLTNNLIQVIDCSMAVQEEAKEPH GITHVLNAAEGRSFMHVNTNAN
1>GRAPAHIT1 101 2>1vhr 101	VSSVLPWIILHRIIWQEEDTFHSLCHQQQLQNPAEEGMSETPMLPSSLML FYK DSGIT
1>GRAPAHIT1 151 2>1vhr 151	LNTAHEYLGRRSWCCNSDGALLRFYVRVLQKELAASTSEDTHPYKEELET YLGIKA NDTQEFN
1>GRAPAHIT1 201 2>1vhr 201	ALEQCFYCLYSFPSKKSKARYLEEHSAQQVDLIWEDALFMFEYFKPKTLP LSAYFERAA
	EFDSYKTSTVSADLANLLKRIATIVPRTERPALSLDKVSAYIEGTSTEVP DF IDQALAQKNGRVL VH
	CLPEGADPSPPVVNELYYLLADYHFKNKEQSKAIKFYMHDICICPNRFDS C REGYSRSPTLV IAYLMMR QKMDVKSALSIVRQNREIGPN DG
1>GRAPAHIT1 351 2>1vhr 351	WAGMALARASRIQDKLNSNE LKS F LAQLCQLNDRLAKEGKLKP
Alignment 2:	
1a17 GRAPAHIT2	PPADGALKRAEELKTQANDYFKAKDYENAIKFYSQAIE
GRAPAHIT3	PLCKQALEDLEKTSGHDHPDVATMLNILALVYRDQNKYKEAAHLLNDALA KDWKGALDAFSAVQDPHSRICFNIGCMYTILKNMTEAEKAFTRSIN
1a17	LNPSNAIYYGNRSLAYLRTECYGYALGDATR-AIELDKKYIK
GRAPAHIT2	IREKTLGKDHPAVAATLNNLAVLYGKRGKYKEAEPLCKR-ALEIREKVLG
GRAPAHIT3	RDKHLAVAYFQRGMLYYQTEKYDLAIKDLKEALIQLRGNQLI
1a17	GYYRRAASNMALGKFRAALRDYET
GRAPAHIT2	KFHPDVAKQLSNLALLCQNQGKAEEVEYYYRRALEIYATRLGPDDP
GRAPAHIT3	DYKILGLQFKLFACEVLYNIAFMYAKKEEWKKAEEQLALATSMKSEPRHS
1a17	-VVKVKPHDKDAKMKYQECNKIVKQKAF
GRAPAHIT2	NVAKTKNNLASCYLKQGKYQDAETLYKEILTRAHEKEFGSVNGDNKPIWM
GRAPAHIT3	KIDKAMECVWKQKLYEPVVIPVGKLFRPNERQVAQLAKKDYLGKATVVAS
1a17	ERAIAGDEHKRSVVDSLDIESMTIEDEYS
GRAPAHIT2 GRAPAHIT3	HAEEREESKDKRRDSAPYGEYGSWYKACKVDSPTVNTTLR
GRAPARITS	VVDQDSFSGFAPLQPQAAEPPPRPKTPEIFRALEGEAHRVLFGFV

## FIGURE 9

